



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

27879 7590 03/18/2009

INDIANAPOLIS OFFICE 27879
BRINKS HOFER GILSON & LIONE
ONE INDIANA SQUARE, SUITE 1600
INDIANAPOLIS, IN 46204-2033

EXAMINER

RAMPURIA, SHARAD K

ART UNIT

PAPER NUMBER

2617

DATE MAILED: 03/18/2009

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

09/980,434

11/28/2001

Hiroyuki Yamamoto

9683/95

3419

TITLE OF INVENTION: LOCATION REPORTING METHOD AND RELATED MOBILE COMMUNICATION TERMINAL

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	06/18/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

**Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

27879 7590 03/18/2009

INDIANAPOLIS OFFICE 27879
BRINKS HOFER GILSON & LIONE
ONE INDIANA SQUARE, SUITE 1600
INDIANAPOLIS, IN 46204-2033

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

09/980,434 11/28/2001 Hiroyuki Yamamoto 9683/95 3419

TITLE OF INVENTION: LOCATION REPORTING METHOD AND RELATED MOBILE COMMUNICATION TERMINAL

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
-------------	--------------	---------------	---------------------	----------------------	------------------	----------

nonprovisional NO \$1510 \$300 \$0 \$1810 06/18/2009

EXAMINER	ART UNIT	CLASS-SUBCLASS
----------	----------	----------------

RAMPURIA, SHARAD K 2617 455-456500

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1 _____
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 _____
- 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☐ Issue Fee
- ☐ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies _____

4b. Payment of Fee(s); (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____

Date _____

Typed or printed name _____

Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

09/980,434

11/28/2001

Hiroyuki Yamamoto

9683/95

3419

27879

7590

03/18/2009

INDIANAPOLIS OFFICE 27879
BRINKS HOFER GILSON & LIONE
ONE INDIANA SQUARE, SUITE 1600
INDIANAPOLIS, IN 46204-2033

EXAMINER

RAMPURIA, SHARAD K

ART UNIT

PAPER NUMBER

2617

DATE MAILED: 03/18/2009

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 238 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 238 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Notice of Allowability	Application No.	Applicant(s)	
	09/980,434	YAMAMOTO ET AL.	
	Examiner	Art Unit	
	SHARAD RAMPURIA	2617	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 12/19/2008.
2. ☒ The allowed claim(s) is/are 1-30, 32-49, 51-64 (renumbered as 1-62 respectively).
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

/Sharad Rampuria/
Primary Examiner, Art Unit 2617

DETAILED ACTION

Examiner's Amendment

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Sanders N. Hillis (Reg. No. 45,712) on 3/11/09.

The application has been amended as follows:

Claims 31, 50 are cancelled.

1. (Currently Amended) A location reporting method, comprising the steps of:
receiving at a mobile communication terminal, from a computer through a mobile communication network, data comprising a character string representing a request for location information;
identifying, with said mobile communication terminal, a description format for said requested location information;
acquiring at said mobile communication terminal location information indicating a location of said mobile communication terminal;
said mobile communication terminal upon acquisition of said location information, substituting said acquired location information for said character string in accordance with said description format; and
transmitting a resulting data to said computer as up data.
2. (Currently Amended) A location reporting method as described in Claim 1,

wherein said steps performed by said mobile communication terminal further include the step of: detecting whether said character string contains requesting location information acquisition time, and if said requesting location information acquisition time is detected then;

wherein, said acquiring step further includes acquiring said acquisition time of said location information; and

wherein, said substituting step further includes adding said acquired location information acquisition time before transmission.

3. (Currently Amended) A location reporting method as described in Claim 1, wherein said steps performed by said mobile communication terminal further include the steps of: detecting whether said data contains requesting information on a state of a user, and if said requesting information on a state of a user is detected, then; determining a state of a user of said mobile communication terminal from said acquired location information; and

wherein, said substituting step further includes adding said information on said determined state of said user before transmission.

4. (Currently Amended) A location reporting method as described in Claim 1, wherein said steps performed by said mobile communication terminal further include the steps of: detecting whether said data contains requesting information on a state of a user and if said requesting information on a state of a user is detected then; prompting a user of said mobile communication terminal to select a state; and

wherein, said substituting step further includes adding said information on said selected state of said user before transmission.

5. (Currently Amended) A location reporting method as described in Claim 1, wherein said transmitting step includes transmitting, to said computer, said data that includes said substituted acquired information as said up data.

14. (Currently Amended) A location reporting method as described in Claim 1, wherein, disclosure information indicating whether said location information is to be disclosed to said computer is stored, in advance, in a predetermined storage means.

15. (Currently Amended) A location reporting method as described in Claim 14, wherein, said transmitting step includes transmitting, in the case of receiving said data from said computer to which said location information is not to be disclosed, a notice of rejection of provision of said location information to said computer.

23. (Currently Amended) A location reporting method for reporting, to a predetermined computer, location information of a mobile communication terminal acquired in a mobile communication network serving the mobile communication terminal which is capable of performing radio communication, comprising the steps of:

acquiring by said mobile communication terminal location information indicating said location of said mobile communication terminal for use by a destination mobile communication terminal;

said mobile communication terminal retrieving from memory a pre-stored network address and a character string, the pre-stored network address indicative of a server that provides map location information that is accessible by said destination mobile communication terminal in conjunction with said location information; and

transmitting, by said mobile communication terminal, said pre-stored network address for receipt by said destination mobile communication terminal after substituting said acquired location information for said character string.

27. (Currently Amended) A mobile communication terminal, comprising:

communication means for receiving through a mobile communication network data containing a character string comprising a request for location information from a computer; and

a processor configured to identify a description format for said requested location information;

said processor further configured to acquire location information indicating a location of said mobile communication terminal;

wherein said processor is further configured to substitute said acquired location information for at least a portion of said character string in accordance with said description format,

wherein said communication means is further configured to transmit said data that includes substituted information as up data to said computer.

28. (Currently Amended) A mobile communication terminal as described in Claim 27,

wherein said processor is further configured to detect whether said character string includes a request for a location information acquisition time, and if representation of said request for a location information acquisition time is detected, then;

wherein, said processor is further configured to acquire said location information acquisition time; and

wherein, said communication means is further configured to add said acquired location information acquisition time to said data before transmission of said up data.

29. (Currently Amended) A mobile communication terminal as described in Claim 27,

wherein said processor is configured to detect whether said data contains a request for information on a state of a user, and if said request for information on a state of a user is detected, then

said processor is further configured to determine a state of a user of said mobile communication terminal from said acquired location information; and

wherein, said communication means is further configured to add said information on said determined state of said user to said up data before transmission.

30. (Currently Amended) A mobile communication terminal as described in Claim 27,

wherein said processor is further configured to detect whether said data contains a request for information on a state of a user, and if said request for information on a state of a user is detected, then;

means for prompting a user of said mobile communication terminal to select his/her own state is enabled; and

wherein, said communication means is further configured to add information on said selected state of said user to said up data before transmission.

46. (Currently Amended) A mobile communication terminal served by a mobile communication network and reporting location information of itself to a predetermined computer, comprising:

acquiring means for acquiring location information indicating a location of said mobile communication terminal, for use by an arbitrary terminal; and

transmitting means for substituting said acquired location information for a character string included with a network address of a server, the server configured to supply map information based on said location information, said map information displayable by said arbitrary terminal,

wherein said transmitting means is configured to transmit said address and said location information for receipt by said arbitrary terminal to allow a present location of said mobile communication terminal to be mapped by said arbitrary terminal using said location information and said network address to obtain map information.

49. (Currently Amended) A mobile communication terminal, comprising:

a radio unit configured to receive wirelessly transmitted data that includes a predetermined data string, the predetermined data string comprising a request for a current location of said mobile communication terminal;

a microcomputer configured to direct acquisition of location information indicative of a current location of said mobile communication terminal in response to existence of said request;

wherein said microcomputer is configured to replace at least a portion of said predetermined data string with said acquired location information; and

wherein, after replacement with said location information, said radio unit is configured to wirelessly transmit a resulting data as up data in response to said request.

51. (Currently Amended) The mobile communication terminal of claim 49, wherein said data includes a request for a state of a user, wherein said state comprises a selectable status indication of a user.

56. (Currently Amended) The mobile communication terminal of claim 49, further comprising an information display unit configured to display a menu that includes selectable menu items in response to receipt of said data, wherein at least some of said menu items include said predetermined data string.

61. (Currently Amended) A location reporting method as described in Claim 1, wherein said receiving step includes:

displaying menu items in a menu window of said mobile communication terminal based on said data;

receiving an input operation with said mobile communication terminal to select one of said menu items; and

determining whether said character string is embedded in said selected one of said menu items.

62. (Currently Amended) A mobile communication terminal as described in Claim 27, further comprising:

means for displaying a menu window that includes menu items based on said data;

means for accepting selection of one of said menu items; and

means for determining if said character string is embedded in said selected one of said menu items.

DETAILED ACTION

Allowable Subject Matter

The following is an examiner's statement of reasons for allowance:

Claims 1-30, 32-49, 51-64 (renumbered as 1-62 respectively) are patentable.

The entire prior-art combination **disclosed** (in previous office-action of this case) fails to anticipate or render the claimed limitations in combination with all the recited limitations of the disclosed independent claims obvious (**viewed the entire claim as a whole**), over any of the prior art of record, alone or in combination.

Consequently, the disclosed independent claims are allowed on behalf of above-discussed reasons, and **Terminal Disclaimer Approval** form (06/13/2008) and also preserved via Applicants arguments and remarks filed on 12/19/2008 as well. Since rest of the claims is dependent on above discussed independent claims, and because dependent claims include the limitations of the claims from which they depend, therefore they are also patentable.

Conclusion

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sharad Rampuria whose telephone number is (571) 272-7870. The examiner can normally be reached on M-F. (8:30-5 EST).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dwayne Bost can be reached on (571) 272-7023. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000 or EBC@uspto.gov.

/Sharad Rampuria/
Primary Examiner
Art Unit 2617